

**Construction Manager:** Hugo Mejia  
 Design & Construction Manager

**Project Director:** Joe Cazares

**PCM:** John C. Lee  
 Design-Build Oversight Manager

**Regional Director:** Diana Gomez  
 Central Valley Regional Director

**Design-Builder:** TUTOR PERINI/ZACHRY/PARSONS JV

Milestones	
RFQ Date:	11/15/2011
SOQ Date:	12/19/2011
RFP Date:	3/22/2012
Proposal:	1/18/2013
Bid Open Date:	4/13/2013
Award Date:	8/16/2013
NTP 1 Date:	10/15/2013
NTP 2 Date:	11/22/2013
NTP 3 Date:	7/11/2014
Original Completion Date:	3/31/2018
Current Completion Date:	8/31/2019

Contract Status	
Fixed Bid Price:	969,988,000.00
Provisional Sums:	53,000,000.00
Original Contract Price:	1,022,988,000.00
Executed Change Orders:	262,439,429.11
Current Contract Amount:	1,285,427,429.11
Approved Invoices to Date:	342,235,528.65
Remaining Contract Balance:	943,191,900.46

Contract Time Status	
Original Contract Days (Calendar Days):	1,628
CO Days:	518
Days Worked (thru 07/31/2016):	1,020

Contingency Status	
Original Contingency Amount:	160,000,000.00
CHSRA Adds/Deducts to Contingency:	0.00
*Executed Change Orders:	108,549,433.00
Current Contingency Balance:	51,450,567.00

Expended to Date (Contract %'s)	
Time:	47.5%
Dollars:	27.5%

Budget Status	
Original Contract Amount:	1,022,988,000.00
Original Contingency Amount:	160,000,000.00
Original Budget Allotment:	1,182,988,000.00
CHSRA Adds/Deducts to Contingency:	0.00
Budget Transfers (Adds/Deducts):	303,399,844.00
Current Budget Allotment:	1,486,387,844.00

Growth %	
% Time Growth:	31.8%
% Dollars Growth:	25.7%

\*Contingency funded change orders only

**Major Scheduled Activities Planned/Ongoing**

- Continue design work (ongoing)
- Design engineering for utility relocations, including recently directed design for Excluded 3<sup>rd</sup> Party facilities (ongoing)
- Hazmat abatement and demolition of structures on recently acquired parcels (ongoing)
- Fresno River Viaduct
  - Continued falsework erection between spans 1 to 6 (ongoing)
  - Start reinforcement and concrete placement for the soffit/stems at spans 2 to 6 (ongoing)
  - Continued construction of abutment 1 (ongoing)
- Downtown Fresno Trench
  - Contractor anticipates beginning installation of the structural secant piles and intrusion barrier piles (planned)
- SR 180 Top Down
  - Start traffic striping and shoulder pavement replacement (planned)
- Cottonwood Creek
  - Continued construction of abutment and pier caps (ongoing)
  - Start precast girder erection (planned)
- San Joaquin River Viaduct
  - Continued clearing & grubbing and fabrication of reinforcement pile cages (ongoing)
  - Drilling to start in August for piers 23 to 49 (planned)
  - Start construction of large diameter CIDH piles (planned)
- Tuolumne Street Bridge
  - Continued placement of precast deck panels and forming of overhangs (ongoing)
  - Placement of reinforcement and concrete for the intermediate diaphragms (ongoing)
  - Start deck reinforcement (planned)
- Environmental
  - Fresno Ancillary Utilities re-examination submitted to PCM on 7/14/2016 by TPZP to capture any remaining utility corridors not captured under subsequent re-exams. Comments sent back to TPZP on 7/28/2016 (ongoing)
  - Belmont Subway Technical Memorandum reviewed and sent to FRA for comments on 7/18/2016 (ongoing)
  - CP1 North Extension Re-examination Phase II PCM draft completed and under PCM review on 6/29/2016. Additional design changes necessitated changes to the Re-exam and is currently under PCM review. (ongoing)
  - CP1 North Extension Re-examination Ave 17 and Road 27 permitting submitted to agencies on 5/2/2016. The draft BO was approved by the USFWS on 6/9/2016. Currently awaiting CDFW ITP legal approval.
  - CDFW will combine the §2081 ITP Level 12+ Amendment with the CP1 North Extension ITP and sign the two in tandem. The ITP is with CDFW legal currently and is anticipated to be signed shortly. (ongoing)
  - CP1A/B Utility and Civil Work Re-exam submitted to PCM by TPZP on 7/14/2016. PCM provided comments to the re-examination on 7/28/2016. BIC: TPZP (on-going).
- RFC designs in review or comment resolution for:
  - Fresno River Viaduct (In Review)
  - West Herndon Ave (ATC) Underpass (In Review)
  - West Belmont Ave OC (In Review)
  - Fresno St Underpass (In Review)
  - Tulare St Underpass (In Review)
  - Wildlife Crossing (In Review)
  - MP196.1 Private Access (In Review)
  - MP178.74 Private Access (In Review)

**Key Topics**

- Change Order 00099 was executed to resolve all Contract delays through December 31<sup>st</sup>, 2015. This resulted in a 17 month extension to the Contract and compensation of \$49.9M for delay-related impacts. Receipt of TPZP's revised baseline schedule is anticipated in early August. Once the Authority has reviewed and approved the revised baseline schedule, a subsequent Change Order will be executed (\$13.612M) to compensate for 7 months of acceleration negotiated as part of Change Order 00099.
- The Authority prepared a detailed evaluation of the necessary relocations and utility coordination needed for originally excluded PG&E and AT&T work. The scope to the existing Contract will be increased for the originally excluded and additional relocations that were not originally identified, and to implement the management process that was originally contemplated. \$150M in additional funding was approved as part of the 2016 Business Plan.
- Large quantities of items have been identified by the Contractor as not available per "Buy America" for PG&E on both gas and electric items. Present list is over 100 items that will be submitted to the Federal Rail Authority (FRA) for consideration as a waiver.
- Contractor needs to complete design to start construction at critical locations (approved ready-for-construction plans).
- Parcel acquisition is behind the dates specified in the Right-of-Way Acquisition Plan and continues to be a schedule risk.
- The Authority continues to work with TPZP to start construction at other priority locations.

- TPZP has issued thirty-four (34) NCRs to date, including one (1) this reporting period. Thirty-three (33) are resolved; one (1) remains open.
- Four (4) Authority issued NCRs are closed; one (1) remains open. None were issued during the reporting period.
- The Independent Site Engineer (ISE) issued zero (0) NCRs this period. Two (2) NCRs previously issued by ISE remain open.
- Level 12+ Permitting for USACE 404 and SWRCB 401 has been completed. Due to structural changes in the pilings along San Joaquin River, TPZP is providing design changes to PCM for submittal to the Water Board (on-going).
- CP1 North Extension Phase I bridge permitting submitted and currently under legal review at the CDFW (on-going)
- San Joaquin River Transfer of Jurisdiction (TOJ) is currently in signatory stage with expected signing date of mid-August (on-going)

**Key Work Accomplished this Period**

- Fresno River Viaduct
  - Post-tensioning of completed span 17
  - Completed falsework erection in spans 3 to 6 in the river bed
  - Completed forming and pouring concrete for abutment 18 body
- Tuolumne Bridge
  - Continued setting of precast concrete deck panels and forming of overhangs
- SR 180 Top Down
  - Start traffic striping and erection of traffic control signs
- Downtown Fresno Viaduct
  - Completed placement for columns at bents 24 to 29
  - Completed construction of nine (9) CIDH piles
  - Started the reinforcement and concrete placement for several columns
- Cottonwood Creek Bridge
  - Completed abutment 6 and started forming of abutment 1
  - Pile caps at abutments 1 and 6 completed.
- ROW and Demo/Abatement
  - Transferred nineteen (19) parcels in 1A/1B, two (2) parcels in 1C, and one (1) parcel in 1D (North Extension) to TPZP authorizing access to the property
  - Eighty-five (85) structures have been remediated, one (1) is undergoing remediation, eighty-two (82) have been demolished, and two (2) demolitions are in progress
- Two (2) design submittals received an Approved (APP), one (1) design submittal received a Statement of No Objection, and four (4) submittals received a Statement of No Objection with Comments. Sixteen (16) design submittals remain in review.
- One (1) 3<sup>rd</sup> party submittal (for facilities crossing HSR Right-of-Way) Approved
- UPRR Easement Acquisition Agreement #2 was completed and executed

**Safety**

- The Authority and TPZP continue to conduct joint weekly safety and security site visits to observe and report on the conditions of the parcels and work taking place.
- The Contractor reported zero (0) incidents of injury, zero (0) security, and two (2) property damage during this reporting period. The property damages consisted of a subcontractor striking a 3/4" underground gas line and an underground water line at McKinley and Golden State Blvd.

**3rd Party**

- Thirty-eight (38) agreements have been executed with twenty one (21) 3<sup>rd</sup> Parties, while seven (7) agreements remain outstanding with three (3) 3<sup>rd</sup> Parties. Please note that some 3<sup>rd</sup> parties require multiple agreements.
- Execution of BNSF Construction Relocation Agreement is a priority for construction
- AT&T
  - UG infrastructure installation at McKinley Avenue continues
  - UG infrastructure installation at Avenue 15 continues
  - Continue coordinating service connections with property owners
- Burlington Northern Santa Fe Railroad (BNSF)
  - TPZP Progressing 30% design submittals
  - BNSF Returned 30% submittals for Road 27, Avenue 17, and Central Avenue
  - Monthly BNSF/CHSRA Engineering Meeting
- Caltrans
  - Approved SR180 Risk Register
  - Reviewed SR180 SIQMP

- Reviewed Caltrans Construction Submittals
  - Issued Double Encroachment permit for SR180
  - Provided comments to the SR145 Final Submittal Package
  - Reviewing Herndon Avenue/SR 99 Supplemental Project Report
  - Reviewing San Joaquin River Viaduct ESOC submittal package
- County of Fresno
  - Reviewed American Avenue C&M Agreement
  - Provided additional comments to the American Avenue RFC submittal
- Fresno Metropolitan Flood Control Center
  - Reviewing Major Storm documentation submitted by TPZP along the alignment
- PG&E
  - 139 Conflicts under design
  - Reviewed submittal packages
  - Completed Construction on 4 electrical conflicts
- San Joaquin Valley Railroad
  - Discussing downtown shoofly mitigation measures with the Authority
- Union Pacific Rail Road (UPRR)
  - Executed Easement Acquisition Agreement #2
  - Returned Baseline submittal for Tulare Street and Ventura Street
  - Returned 60% submittal for Shaw Avenue, Fresno Trench, Jensen Trench
  - Returned 90% submittal for Olive Avenue
  - Submitted and Approved the SR180 scupper retrofit and intrusion protection barrier work plan